PGY 1 - Preliminary Year

The resident will learn basic surgical techniques and patient management. Critical care skills will be emphasized.

Primary Clinical Skills Performance Based Objectives:
The resident will demonstrate mastery of the following skills:

- History and Physical differential diagnosis
- Procedures
  - Route: Subclavian, Jugula
  - A line
  - Arterial blood gas-femoral, radial
  - Chest tube
  - Lumbar Puncture
  - Skin suture
  - Open/close simple incision or biopsy (1 or 2 layers)
- ACLS/ATLS certification
- Reading EKG, chest x-ray, MRI/CT of brain and spine, laboratory data interpretation of tests. During this year, the resident will be assigned to 3 months of neurology and 3 months of neurosurgery. Assignments in neurology consist of 6 weeks on the Consult service where the resident gains practice in the identification and emergent treatment of a number of neurological diseases and syndromes. A part of the assignment may be on a neurology inpatient service where the resident may assist in the therapy of patients assigned to the Neurology service. Disorders encountered may include seizures, movement disorders, headaches, neuromuscular disorders, and other syndromes of primary concern to the neurologist. The resident is assigned for 6 weeks on the Neurology Stroke Service, a multidisciplinary group of stroke specialists. The resident will gain familiarity and understanding in all aspects of clinical management of stroke. The Albany Medical Center has an extremely active Neurodiagnostic Unit including EMG, EEG and evoked potential. World-class faculty in epilepsy, dementia and neuromuscular disorders also enhance the residents' experience.

Neurology Goal:

Demonstrate an understanding of the neurological examination, diagnostic neurological testing, and neurological diseases and their treatment.

Neurosurgery Goal:

To gain familiarity with neurosurgical issues, including intensive care, in the daily management of neurosurgical patients.